

### **EXPRESS MAIL NO. EV724510912US**

**PATENT** 

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Hershey et al.

Serial No.:

Unknown (National Phase of International Application

PCT/US2004/025370, filed August 5, 2004)

Filed:

February 2, 2006 (Priority Date Claimed August 5, 2003)

Examiner:

Unknown

Group Art Unit: Confirmation No.: Unknown Unknown

Title:

**GENETIC MARKERS OF FOOD ALLERGY** 

Our Ref. No.:

CMC-170

Cincinnati, Ohio

February 2, 2006

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## INFORMATION DISCLOSURE STATEMENT FILED PURSUANT TO 37 CFR §§ 1.56 AND 1.97-1.98

In accordance with the duty of candor and good faith imposed by 37 C.F.R. §1.56, and the means of complying with that duty according to 37 C.F.R. §§1.97 and 1.98, Applicants call the references listed on the attached PTO-1449 form to the attention of the United States Patent and Trademark Office in connection with the above-identified patent application. Applicants have enclosed a copy of the cited references and request that the Examiner consider the cited references and make an independent evaluation of their materiality.

10/563903

## IAP20 Reside GT/PTO 02 FEB 2006

Applicants do not believe that any fees are due in connection with this submission. However, if such fees are necessary, the Commissioner is authorized to charge any necessary fees to Deposit Account 23-3000.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

By: Beverly A. Lyman, Ph.D.

Reg. No. 41,961

Wood, Herron & Evans, L.L.P. 2700 Carew Tower Cincinnati, OH 45202 513 241 2324 513 241 6234 facsimile

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. PATENT AND TRADEMARK OFFICE CMC/170WO (MODIFIED) INFORMATION DISCLOSURE APPLICANT STATEMENT BY APPLICANT Hershey et al **GROUP** FILING DATE (Use several sheets if necessary) February 2, 2006 Unknown (37 CFR 1.98(b)) **U.S. PATENT DOCUMENTS** ISSUE FILING DATE **EXAMINER** IF APPROPRIATE **SUBCLASS PATENTEE CLASS** PATENT NUMBER DATE INITIAL A.A A.B A.C A.D A.E A.F A.G A.H A.I A.J A.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS COUNTRY OR TRANSLATION **PUBLICATION** DOCUMENT **SUBCLASS** (YES/NO) PATENT OFFICE **CLASS** NUMBER DATE G02N 33/68 N/A 06/15/00 PCT A.L WO 00/34789 A.M A.N A.O A.P A.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Assa'ad et al., Analysis of the R130Q IL-13 Polymorphism in Patients with Food Allergy, Pediatric Research, 2001; 49 (4-A.R 2):11A (XP008040169) Liu et al., Associations between total serum IgE levels and the 6 potentially functional variants within the genes IL4, IL13, A.S and IL4Rα in German children: The German Multicenter Atopy Study, J Allergy Clin Immunol 2003; 112:382-388 Mitsuyasu et al., Ile50Val variant of IL4Rα upregulates IgE synthesis and associates with atopic asthma, Nature Genetics A.T 1998; 19:119-120

Substitute Disclosure Form (PTO-1449)

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered.

**EXAMINER** 

Include a copy of this form with next communication to applicant.

# IAP20 Ros'd FCT/PTO 02 FEB 2006

Sheet \_ SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. (MODIFIED) **CMC/170WO** PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT Hershey et al (Use several sheets if necessary) **FILING DATE GROUP** February 2, 2006 Unknown (37 CFR 1.98(b)) U.S. PATENT DOCUMENTS FILING DATE ISSUE EXAMINER IF APPROPRIATE **SUBCLASS CLASS** INITIAL PATENT NUMBER DATE PATENTEE B.A B.B B.C B.D B.E B.F B.G B.H B.1 B.J B.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **TRANSLATION** DOCUMENT **PUBLICATION COUNTRY OR** NUMBER DATE PATENT OFFICE CLASS **SUBCLASS** (YES/NO) B.L B.M B.N B.O B.P B.Q

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

B.R	PCT, International Search Report, PCT/US2004/025370, mailed 01/07/05, 7 pg.
B.S	Risma KA et al., V75R576 IL-4 Receptor α Is Associated with Allergic Asthma and Enhanced II-4 Receptor Function, J Immunol. 2002; 169:1604-1610
в.т	Woo JG et al., -159 C to T Polymorphism of CD14 is Associated with Non-Atopic Asthma and Food Allergy, J Allergy Clin Immunol 2003; 111(2) Abstract Supplement:S127 (XP008040172)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

IAP20 RGG'd FOTIFTO 02 FEB 2006 Sheet 3 (C) of SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. PATENT AND TRADEMARK OFFICE **CMC/170WO** (MODIFIED) INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT Hershey et al **GROUP** (Use several sheets if necessary) FILING DATE February 2, 2006 Unknown (37 CFR 1.98(b)) U.S. PATENT DOCUMENTS FILING DATE ISSUE **EXAMINER** IF APPROPRIATE SUBCLASS PATENT NUMBER PATENTEE CLASS DATE INITIAL C.A C.B C.C C.D C.E C.F C.G C.H C.J C.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION DOCUMENT **PUBLICATION** COUNTRY OR SUBCLASS (YES/NO) NUMBER DATE PATENT OFFICE **CLASS** C.L C.M C.N C.O C.P C.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	C.R	Woo JG et al., The -159 C->T polymorphism of CD14 is associated with nonatopic asthma and food allergy, J Allergy Clin Immunol 2003. 112:438-444	
	C.S		
	C.T		

**EXAMINER** 

/Juliet C. Switzer/

DATE CONSIDERED 06/11/2009

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance <u>and</u> not considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)